BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work : Providing Asphalting to road at Javaregowda house of Muneshwara Layout in Attur ward No.03

Estimate Cost:Rs. 1000000.00

Sl No	Description of work	No	Dimensions L	B	D	Quantity	Rate	Unit	Amount
1	2	3	4	5	6	7	8	9	10
1	KSRB 2-1.1:Earthwork in surface excavation in hard soil for levelling and lowering the ground manualluy (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed disposed earth to be levelled and after breaking of clods and neatly dressed as per specification Specification No. KBS 2.1(a)/2.3.1 (P-5 lt,2.2)								
	Basic Rate	164.00							
	Area Weightage 8%	13.12							
	Total	177.12							
	Road	1	241.00	5.00	0.35	421.75			
		1	50.00	4.80	0.35	134.40			
						556.15	177.12	Cum	98505.00
2	KSRRB 309-1:Earthwork excavtion by manual means in ordinary soil involving an average horizontal throw upto 2 Meters and an average lift upto 0.5m excavated surface leveled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specifications and complete as per specifications MORTH CHAPTER 3 (P-152, lt.19.1)								
	Basic Rate	51.00							
	Area Weighlage 8%	4.88							
	Total	65.88							
	desilting of drain								
	drain	2	241.00	0.45	0.50	108.45			
		2	80.00	0.45	0.50	36.00			
					Total	144.45	65.88	Cum	9516.00
3	KSRRB M400-17.Providing, laying, spreading and compacting graded stones aggregate to Wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed methos of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification MORTH Specification N0.406 (P-166 lt,20.1B)								
	Basic Rate	1038.00							
	Area Weightage 8%	83.04							
	Total	1121.04							
	Road	1	241.00	5.00	0.20	241.00			

		1	60.00	4.80	0.20	76.80			
					Total	317.80	1121.04	Cum	356257.00
4	KSRRB M500-6:Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 Kg/sqm								
	Basic Rate	41.00							
	Area Weightage 8%	3.28							
	Total	44.28							
		1	241.00	5.00		1205.00			
		1	80.00	4.80		384.00			
					Total	1589.00	44.28	Sqm	70361.00
5	KSRRB 500-10:Tack coat:Providing and applying tack coat with bitumen emulsion pressure distributor at the rate of 0.20 Kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom, complete as per specifications, MORTH Specification No 503 using bitumen emulsion (P-176, It.21.10.1)								
	Basic Rate	11.10							
	Area Weightage 8%	0.89							
	Total	11.99							
		1	241.00	5.00		1205.00			
		1	80.00	4.80		384.00			
					Total	1589.00	11.99	Sqm	19049.00
6	KSRRBM 500-12: Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of ,ix and filler, transporting the hot mix to work site, laing with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.8 complete in all respects as per specifications. 25-30mm compacted thickness with 5% bitumen80/100 using 40-60 HMF using Mechanical paver (Grading II)t (P-178, It.21.20.5)								
	Basic Rate	9069.00							
	Area Weightage 8%	725.52							
	Total	9794.52							
		1	241.00	5.00	0.025	30.13			
		1	80.00	4.80	0.025	9.60			
					Total	39.73	9794.52	Sqm	389087.00
7	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing upper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications, MORTH Chapter 1 (P-150, It.17.1)								
	Basic Rate	52.20							
	Conveying for 4 km	10.00							

	sub total	72.20						
	Area Weightage 8%	5.78						
	Total	77.98						
	Qty Vide Item No.1				556.15			
	Qty Vide Item No.2				144.45			
8	Miscellaneous & Rounding off			Total	700.60	77.98	Cum	
							L/S	
						Total Rs:		1000000.00

CERTIFICATE:

1. The work spot comes under BBMP Limits
2. The provisions made in the estimate are necessary and minimum
3. The estimate is based on Market Rates
4. The estimate is based on CSR of 2013-14

Assistant Engineer
Ward No.3

Assistant Executive Engineer
Yelahanka Sattelite Town Sub-Division
Bruhat Bengaluru Mahanagara Palike

Executive Engineer
Yelahanka Division
Bruhat Bengaluru Mahanagara Palike

ADMINISTRATIVELY SANCTIONED FOR Rs. 10.00 lakhs
Rupees Ten Lakhs only
Under P.177 general works
Registered as ...
Subject to conditions ... and in enclosed ...
Dt. JC(Yel)/AA
Dated 30-10-13 10.00 lakhs

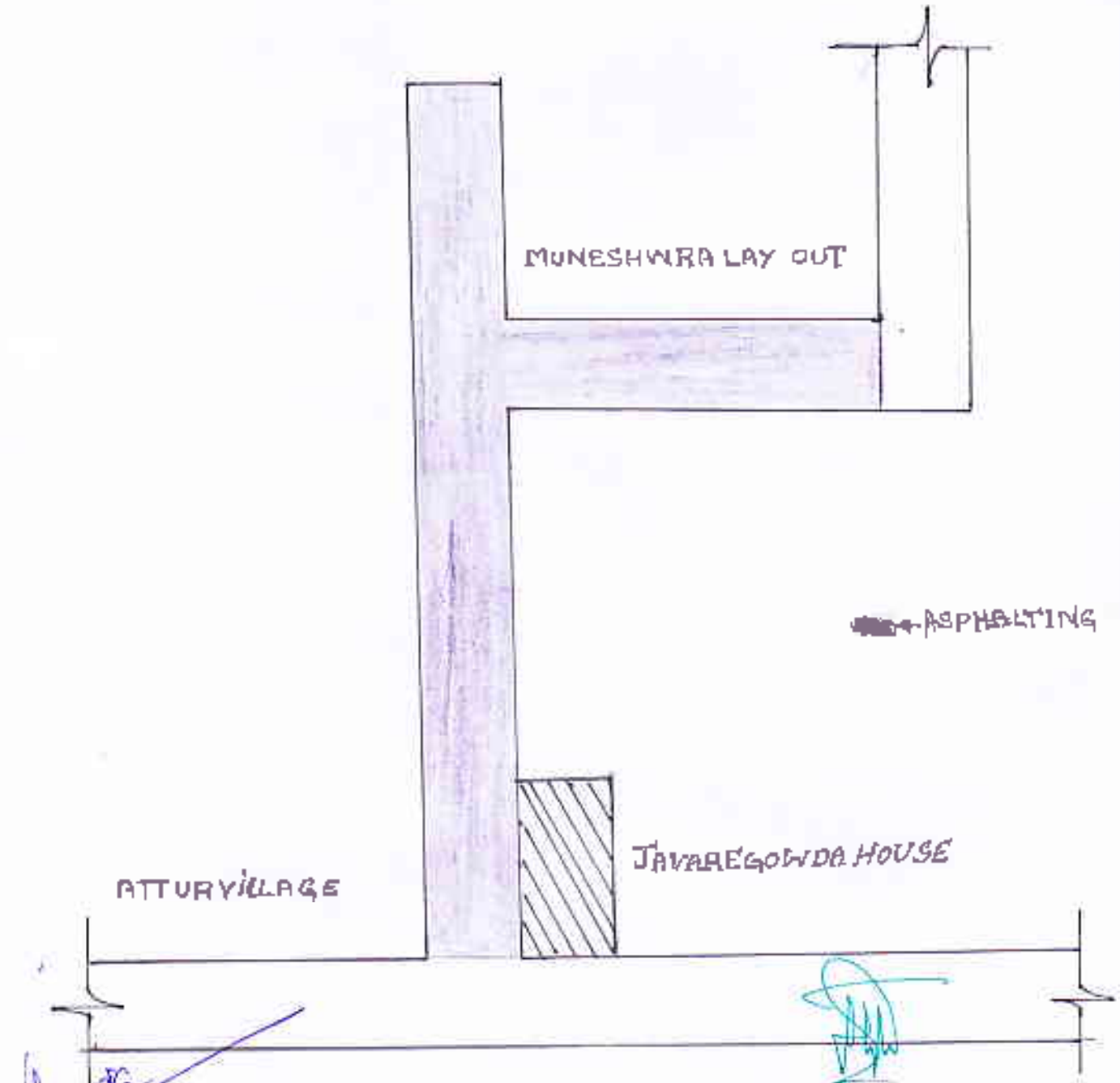
TECHNICALLY SANCTIONED FOR Rs. 10.00 lakhs
Rupees Ten Lakhs only
Under P.177 Works general
Registered as ...
Subject ...
enclosed ...
Dt. CE(NTW)TR/13-14
Dated 30-10-2013 10.00 lacs

Executive Engineer

Joint Commissioner
Yelahanka Zone
BBMP Bangalore-92

NAME OF WORK :- Providing Asphalting to ROAD at JAVAREGOWDA HOUSE in MUNESHWARA LAY OUT in ATTUR WARD NO = 3

ESTIMATE COST Rs = 10:00 LAKHS



Assistant Executive Engineer
Yelahanka Satellite Town
Sub Division
BBMP, Bangalore-560 106